

Please amend Abstract of the Disclosure as follows:

This invention relates to an information processing apparatus, an information processing method, a recording medium, and a program for transmitting an RTS frame at full power and data at low power. If it is ascertained ~~found in step S1~~ that data is to be transmitted, ~~then an RTS frame is transmitted at full power in step S2~~. If a CTS frame enabling data transmission is not ~~found received in step S3~~, ~~then a determination is made in step S4 to see if~~ as to whether a CTS frame is received with its RA field carrying the address of another terminal ~~is received~~. If the latter CTS is found to have been ~~received in step S4~~, a transmission-prohibited interval is set and counted ~~in step S5~~ based on a duration field in the CTS frame. If the CTS frame enabling data transmission is found to have been received, ~~then a reception level of the frame is measured and stored in step S6~~. ~~In step S7, d~~Data is transmitted by a PDA at lower power. ~~In step S8, a~~An ACK frame is received. This invention applies illustratively to PDAs.